



Food and Agriculture
Organization of the
United Nations

5th Meeting of the **Global Soil Laboratory Network** (GLOSOLAN)

23-25 November 2021



African Soil Laboratory Network (AFRILAB)2021 Report

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GLOSOLAN

GLOBAL SOIL LABORATORY NETWORK



PRESENTATION

- Establishment
- Activities
- Priorities and Needs

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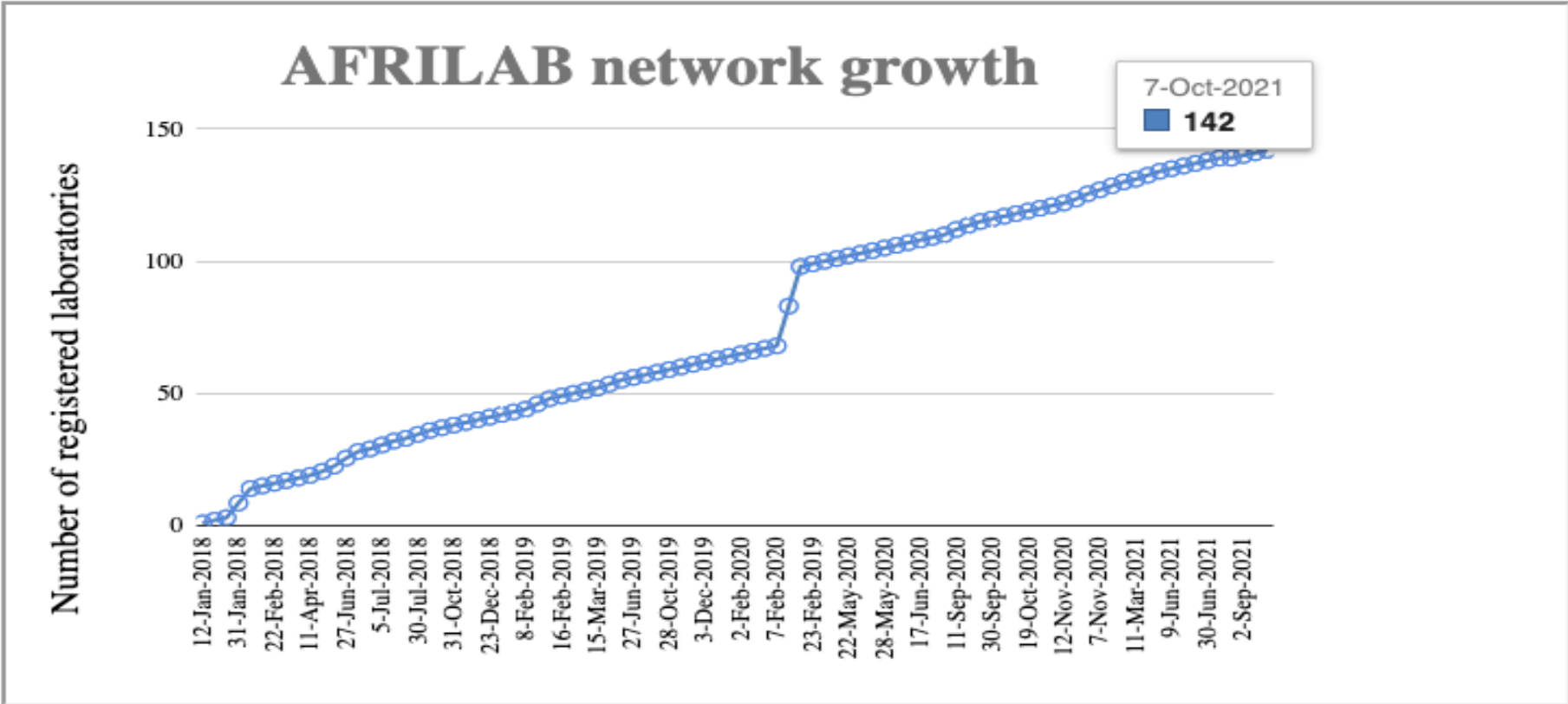
ESTABLISHMENT

- Number of member countries = 48
- Number registered laboratories = 142
- NASOLANs
 - ❖ Established
 - ❖ In process of establishment
 - ❖ Not yet

MAPs

1

Network growth



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Membership spread- Africa



Green – reference lab
Blue – other registered lab

ACTIVITIES

- Harmonisation of SOPs
 - The SOPs planned for this year have progressed well and are at harmonisation of matrix.
- Trainings
 - Participated in webinars on SOPs and spectroscopy
 - Encourage participation in remaining webinars
- Campaigns for NASOLAN to register

NEEDS and PRIORITIES

- As discussed at AFRILAB meeting:
 - Better infrastructure (e.g. facilities, storage, internet connection)
 - Training of staff on laboratory equipment maintenance to augment technical assistance by manufacturers.
 - Adoption of more suitable (reduced or low risk for human health, and environment) method for soil analysis
 - There is need for better waste management polices to address:
 - ❖ Disposal and management of laboratory waste and procurement of good quality consumables;
 - Financial assistance : for projects (research, and soliciting membership for NASOLANs and holding meetings)

NEEDS and PRIORITIES cont.

- Training on interpretation of soil analytical data
- Well documented SOPs which are reviewed periodically
- Staff development – MSc or PhD (method development and advancement in aligning SOPs with current technology)



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A decorative graphic consisting of a series of colored squares and dots arranged in a curved path from the top left towards the right. The colors transition from light orange to yellow, then to light green, and finally to a darker green.

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A black and white photograph showing a person's hands in white gloves. One hand is holding a white marker and writing on a piece of paper. The other hand is resting on the paper. A small pile of dark soil is visible on the paper.

• THANK YOU FOR YOUR ATTENTION

